


Memo

To: Shana Davis-Cook, Village Manager
CC: Board of Managers
From: John M. Fitzgerald, Chief of Police 
Date: September 27, 2012
Re: Purchase of Replacement Mobile Data Computers (MDCs)

Every day, our police officers use in-car laptop computers (a.k.a. mobile data computers or MDCs) to do essential tasks. The lifespan of an MDC is 4-5 years maximum, and our current units were purchased in 2004. The old computers have insufficient memory to run the various applications that we use today, and we expect to place additional demands on our MDCs in the months to come as we will soon be running e-ticket software that is supported by the State of Maryland.

To address this problem, in the FY 13 Capital Improvements Program (CIP) budget, the Board set aside \$8,400 to replace our three MDCs (one per marked cruiser). Realizing that the Montgomery County Police Department was planning to replace their MDCs with new units, and in order to take advantage of the cost savings that would result from 'piggy-backing' on the County's contract, we decided to defer our purchase until the County identified their replacement product. That time has come.

Montgomery County negotiated the purchase of 700 ruggedized Panasonic model CF-31 MDCs, and they were able to obtain extremely favorable pricing. It is in our best interest to take advantage of the County's contract pricing. The attached quote from the County's vendor (Advanced Computer Concepts) extends an offer to us for three MDC's under the terms of the County contract. These ruggedized laptops will be completely compatible with the county's dispatch system, and they are a huge improvement over our current, very old units.

We have sufficient funds in the CIP to purchase these laptops. The total cost for three new MDCs is \$8,326.98—\$73.02 lower than the allocated line item. In addition to the FY13 CIP Project Sheet, I have attached the quote from the county's vendor.

Board Action Required

In order to proceed with the purchase of three replacement MDCs, Board action is required to authorize the Village Manager to issue a purchase order to Advanced Computer Concepts in the amount of \$8,326.98 for the purchase of three Panasonic Model CF-31 computers through Montgomery County's IT Commodities Contract #734500006AF.

Attachments:

1. FY 2013 Capital Improvement Program Project Sheet
2. Quote from Advanced Computer Services

Expenditure Detail Sheet

Police/Communications Equipment

Category	Equipment	Date Last Modified	March 13, 2012
Department	Police/Communications	Funding Source	Tax-Based/ <i>SafeSpeed</i> /Grant
Zone Location	3	Status	Ongoing

EST. EXPENDITURE SCHEDULE (dollars in thousands)

Equipment Type	Total	Est. FY12	Total 6 Years	FY13	FY14	FY15	FY16	FY17	FY18	Beyond 6 Years
Police Radios	98.4	63.4	35	0	0	35	0	0	0	0
Mobile Data Terminals	8.4	0	8.4	8.4	0	0	0	0	0	0
Phone/Radio Recording System	14	0	14	0	14	0	0	0	0	0
Total	120.8	63.4	57.4	8.4	14	35	0	0	0	0

EST. FUNDING SCHEDULE (dollars in thousands)

Tax-Based	0	0	0	0	0	0	0	0	0	0
<i>SafeSpeed</i>	115.1	57.7	57.4	8.4	14	35	0	0	0	0
Grants/Reimbursements	5.7	5.7	0	0	0	0	0	0	0	0
Total	120.8	63.4	57.4	8.4	14	35	0	0	0	0

EST. OPERATING BUDGET IMPACT (dollars in thousands)

Labor/Maintenance			0	0	0	0	0	0	0	0
Materials/Equipment			0	0	0	0	0	0	0	0
Total			0	0	0	0	0	0	0	0

Description

This equipment will ensure the continuity of operation of Village government while ensuring that the services Village residents have come to rely on such as 24/7 police patrols, house checks, speed and stop sign enforcement. Due to this equipment being used for pedestrian, vehicular and public safety needs a certain percentage of the expenditures would be eligible to be paid out of the *SafeSpeed* revenues.

Estimated Schedule

Radios: Replacement is required due to technology advancements. The lifespan of the radios is approximately 10 years.

MDCs: Expected lifespan is 4-5 years maximum; current MDCs have insufficient RAM to run the various applications (LPRs, CODY, CapWIN, etc.) now; applications either stop running, or the computer runs extremely slowly. We expect to place additional demands on the MDCs: we will receive e-ticket software from the state within the next FY.

Recording System: Replacement is required due to technology advancements and the lack of available replacement parts for the Village's current recording system.

Cost Change

Within the next year, we expect the County to be purchasing semi-ruggedized MDCs (laptops) for their cruisers rather than the fully ruggedized models which are more expensive. The semi-ruggedized laptops are less expensive.

Justification

This equipment will ensure the continuity of operation of Village government while ensuring that the services Village residents have come to rely on such as 24/7 police patrols, house checks, speed and stop sign enforcement are maintained.

- All public safety radios must be replaced due to mandated technology changes (new frequencies and encryption) that will take effect in approximately 2 years. Our portable radios have already been replaced (FY12). In FY 13, we seek to replace the 1 fixed base station radio in the Communications Center and the 4 fixed radios in the police cars so that they will be compatible with the new technology. While our portable radios are good, we have experienced some performance problems when using them in certain parts of the Village.
- As part of regularly schedule phase out as equipment lifespan dictates Police Mobile Data Terminals (MDTs) would be replaced and/or refurbished.

Coordination

- Board of Managers
- Administration/Capital Contracts Department
- Police Department
- Public Safety Committee



<http://www.acconline.com>

7927 Jones Branch Drive - Suite 600 North
McLean, VA 22102
Phone: (703) 276-7800 - Fax: (703) 525-9300

TIN: 54-1287667
CAGE Code: 0L850
DUNS: 116193400

Quotation

Date: September 20, 2012

Quotation #: _____

Valid until: October 20, 2012

To:

Company Name:

Street Address:

City, State, Zipcode:

Attention:

Chevy Chase Police

Prepared by: Justin Stark

Phone: (703) 276-7800 Ext. 125

Email: jstark@acconline.com

John Fitzgerald, 301-654-7300, john.m.fitzgerald@montgomerycountymd.gov

Item	Part Number	Description	Qty	Unit Price	Extended Price
	CF-31SBLEX1M	Panasonic Toughbook CF-31 with Win7, Intel Core i5-3320M 2.60GHz, vPro, 13.1" XGA Touch, 500GB(7200rpm), 4GB, Intel WiFi a/b/g/n, TPM, Bluetooth, Dual Pass (Upper:WWAN/Lower:Selectable), GPS, Emissive Backlit Keyboard, No Drive	3	2,358.08	\$ 7,074.24
	CF-SVCLTNF4Y	4YR PROTECTION PLUS LAPTOP	3	307.58	\$ 922.74
	CF-WMBA1104GIS	4GB PRE-INSTALLED MEM FOR CF-1 MK5 MK6 CF-31 MK2 CF-52 MK4	3	110.00	\$ 330.00
Notes:				Sub-Total	\$ 8,326.98
Pricing is based on Montgomery County, Maryland's IT Commodities Contract number 734500006AF				Tax	
Maintenance contract quotes assume one lump sum payment within terms Monthly payments will require an additional processing fee Prices assume payment in Net 30 days terms. Credit card orders will incur a 3% processing fee				Shipping	\$ -
				Others	\$ -
				Total	\$ 8,326.98

Thank you for the opportunity